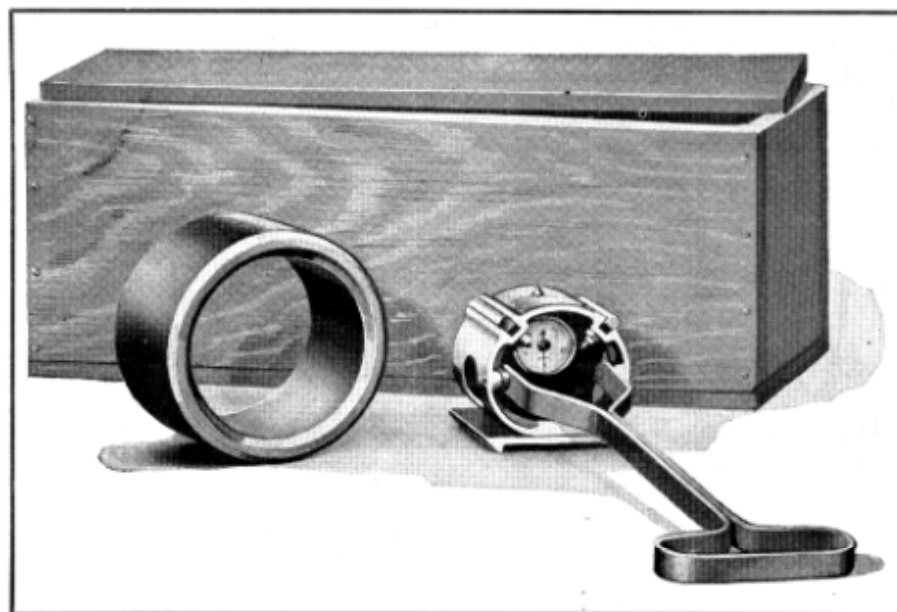


Recommended for HUDSON and ESSEX Service Stations

HUDSON



ESSEX

"WALKER MICROGAGE"

An Accurate Gauge For Measuring Cylinder Bores

By comparing the "Walker Microgage" with other methods of checking inside cylindrical measurements, its many advantages are obvious. When inside micrometers are used for measuring cylinder bores much depends upon the operator's skill and ability at using such instruments.

The "Walker Microgage" gives an accurate reading even though the operator be inexperienced. It is truly a time and labor saving device and a valuable addition to your shop equipment.

The Advance Pattern and Production Co.

Manufacturers and Sole Distributors

3024 West Fort St.

DETROIT, MICH.

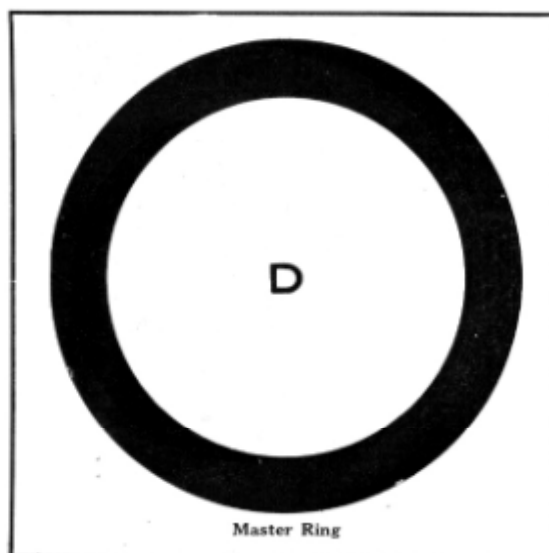
Instructions for Setting Microgage

The gauge consists of an aluminum shell having a shoe on one side and pressure bars on the other. Inside the shell is a dial indicator reading in thousandths of an inch with its plunger projecting through the outside wall of the shell so that it will bear on the cylinder wall. A setting ring is provided with each gauge. The inside diameter of this ring is ground to the exact size of the new cylinder bore. In operation the gauge is placed inside the setting ring and the pointer on the indicator set at zero. This is done by turning the knurled rim of the indicator dial. Now when the gauge is inserted in the cylinder bore and moved up and down at full length, any variation from the standard will be shown in thousandths on the indicator dial.

Do not put more than .020 tension on the dial indicator when clamping it in the gauge shell, that is, do not clamp the indicator in position so that the pointer shows more than .020 movement when the gauge is inserted in the setting ring. Keep the gauge in the box when not in use.



A
C
C
U
R
A
C
Y



- 1st. Take gauge (A) insert it in master ring (D) which is ground to standard size.
- 2nd. Then, while (A) is in (D), take thumb and first finger and revolve dial (B) around until (O) zero comes directly under hand of indicator (E).
- 3rd. Be sure that jam nuts (C) have $\frac{1}{8}$ of an inch clearance between face of nuts and castings while gauge (A) is in master ring (D).
- 4th. Take gauge (A) out of master ring (B) and insert it in cylinder to be measured, any deviation either + or - from 0 registers the true condition of the cylinder in thousandths of an inch.

Prices Covering The "Walker Microgage"

Complete Microgage Set Includes—

Microgauge, Rings and Shoes for Hudson $3\frac{1}{2}$ ", Essex 4 $3\frac{3}{8}$ ", Essex 6 $2\frac{5}{8}$ " Essex 6 $2\frac{1}{2}$ "\$35.00 net

Standard Microgage Set Includes—

Microgauge, Ring and Shoes, any size.....\$22.75

Fittings—

Master Ring Essex 6— $2\frac{1}{2}$ "	\$3.25
Master Ring Essex 6— $2\frac{5}{8}$ "	\$3.25
Master Ring Essex 4— $3\frac{3}{8}$ "	\$3.25
Master Ring Hudson— $3\frac{1}{2}$ "	\$3.25
Shoe Essex 6— $2\frac{1}{2}$ "	.98
Shoe Essex 6— $2\frac{5}{8}$ "	.98
Shoe Essex 4— $3\frac{3}{8}$ "	.98
Shoe Hudson— $3\frac{1}{2}$ "	.98

All orders must be placed direct with the Advance Pattern and Production Company, 3024 West Fort Street, Detroit, Michigan. Unless remittance accompanies order goods will be shipped on C. O. D. basis.